BRUHATH BENGALURU MAHANAGARA PALIKE
DASARAHALLI DIVISION

First and Final Bill

NAME OF WORK :Improvements to drains and providing Asphalting to roads at Bhuvaneshwari nagara 9 th and 10 th main sorroundings in ward no 14 Bagalagunte

E Measurement Book

JOB CODE NO : 014-21-000009

Estmate cost : Rs 100.00 Lakhs

BRUHATH BENGALURU MAHANAGARA PALIKE
DASARAHALLI DIVISION

Name of work : Improvements to drains and providing Asphalting to roads at Bhuvaneshwari nagara 9th and 10 th main sorroundings in ward no 14 Bagalagunte

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Earth work excavation by manual means for roads , drains & similar works in ordinary soil involving ,excavated surface levelled &neatly dressed , the disposed earth to be levelled after breaking of clods complete as per specifications.						
	Bhuvaneshwari nagara						
	For RCC drain						
	1 st Cross LHS From 9 th Main						
	LHS	1	26.90	1.10	1.00	29.59	
	RHS	1	26.90	1.10	1.00	29.59	
	3 rd Cross RHS From 9 th Main						
	LHS	1	30.00	1.10	1.00	33.00	
		1	8.00	1.10	1.00	8.80	
	4 th Cross RHS From 9 th Main						
	LHS	1	30.00	1.10	1.00	33.00	
		1	8.80	1.10	1.00	9.68	
	5 th Cross RHS From 9 th Main						
	LHS	1	30.00	1.10	1.00	33.00	
		1	7.60	1.10	1.00	8.36	
	RHS	1	30.00	1.10	1.00	33.00	
		1	7.60	1.10	1.00	8.36	
	6 th Cross RHS From 9 th Main						
	LHS	1	30.00	1.10	1.00	33.00	
	RHS	1	7.60	1.10	1.00	8.36	
	LHS	1	30.00	1.10	1.00	33.00	
	RHS	1	7.60	1.10	1.00	8.36	
	7 th Cross RHS From 9 th Main						
	LHS	1	30.00	1.10	1.00	33.00	
	LHS	1	6.50	1.10	1.00	7.15	
	RHS	1	30.00	1.10	1.00	33.00	
	RHS	1	6.50	1.10	1.00	7.15	
	8 th Cross RHS From 9 th Main						
	LHS	1	30.00	1.10	1.00	33.00	
	LHS	1	8.50	1.10	1.00	9.35	

9 th Main LHS From Shani mahathma Temple						
	LHS	1	23.00	1.10	1.00	25.30
	Culvert	1	4.30	1.80	1.20	9.29
	LHS	1	25.70	1.10	1.00	28.27
	Culvert	1	5.60	1.80	1.20	12.10
	LHS	1	25.70	1.10	1.00	28.27
	Culvert	1	5.00	1.80	1.20	10.80
	LHS	1	29.30	1.10	1.00	32.23
	Culvert	1	4.20	1.80	1.20	9.07
	LHS	1	25.90	1.10	1.00	28.49
	Culvert	1	5.00	1.80	1.20	10.80
	LHS	1	26.70	1.10	1.00	29.37
	Culvert	1	4.30	1.80	1.20	9.29
	6 th Cross					
	LHS	1	26.10	1.10	1.00	28.71
	RHS	1	30.00	1.10	1.00	33.00
		1	9.80	1.10	1.00	10.78
	Culvert	1	6.70	1.80	1.20	14.47
	Culvert	1	4.30	1.80	1.20	9.29
24 th Cross From Pipe line Road						
	LHS	1	30.00	1.10	1.00	33.00
		1	8.00	1.10	1.00	8.80
	RHS	1	30.00	1.10	1.00	33.00
		1	5.00	1.10	1.00	5.50
Magnum School Back side Road						
	LHS	1	30.00	1.10	1.00	33.00
		1	28.00	1.10	1.00	30.80
	RHS	1	26.60	1.10	1.00	29.26
		1	30.00	1.10	1.00	33.00
		1	30.00	1.10	1.00	33.00
		1	11.00	1.10	1.00	12.10
Cross Road						
	LHS	1	30.00	1.10	1.00	33.00
		1	14.00	1.10	1.00	15.40
	RHS	1	30.00	1.10	1.00	33.00
		1	14.30	1.10	1.00	15.73
For Asphalt Road						
3 rd Cross from 8 th Main		2	30.00	1.10	0.20	13.20

		2	30.00	1.10	0.20	13.20	
		2	30.00	1.10	0.20	13.20	
		2	30.00	1.10	0.20	13.20	
		2	30.00	1.10	0.20	13.20	
		2	30.00	1.10	0.20	13.20	
		2	30.00	1.10	0.20	13.20	
		2	30.00	1.10	0.20	13.20	
		2	26.50	1.10	0.15	8.75	
	4 th Cross from 8 th Main	2	30.00	1.05	0.20	12.60	
		2	30.00	1.05	0.15	9.45	
		2	30.00	1.05	0.15	9.45	
		2	30.00	1.05	0.15	9.45	
		2	30.00	1.05	0.15	9.45	
		2	30.00	1.05	0.15	9.45	
		2	30.00	1.00	0.15	9.00	
		2	21.60	1.00	0.15	6.48	
					Present Quantity	1299.54	Cum
					Payable Quantity	**1289.40**	Cum

C/R/C

20/01/22

Assistant Engineer
Ward No -14
BBMP Bangalore

20/01/22 to 31/01/22

Asst. Executive Engineer
T.Dasarahalli Sub division
BBMP Bangalore

J. Jatic

BRUHATH BENGALURU MAHANAGARA PALIKE
DASARAHALLI DIVISION

Name of work : Improvements to drains and providing Asphalting to roads at Bhuvaneshwari nagara 9th and 10 th main sorroundings in ward no 14 Bagalagunte

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	KSRRB M2100-10 : Providing and laying plain cement concrete of mix 1:3:6 with OPC @220kgs with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @0.46cum in foundation mechanically mixed placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labor, HOM curing, form works, scaffolding and centering complete as per specification.						
	Bhuvaneshwari nagara						
	For RCC drain						
	1 st Cross LHS From 9 th Main						
	LHS	1	26.90	1.10	0.15	4.44	
	RHS	1	26.90	1.10	0.15	4.44	
	3 rd Cross RHS From 9 th Main						
	LHS	1	30.00	1.10	0.15	4.95	
		1	8.00	1.10	0.15	1.32	
	4 th Cross RHS From 9 th Main						
	LHS	1	30.00	1.10	0.15	4.95	
		1	8.80	1.10	0.15	1.45	
	5 th Cross RHS From 9 th Main						
	LHS	1	30.00	1.10	0.15	4.95	
		1	7.60	1.10	0.15	1.25	
	RHS	1	30.00	1.10	0.15	4.95	
		1	7.60	1.10	0.15	1.25	
	6 th Cross RHS From 9 th Main						
	LHS	1	30.00	1.10	0.15	4.95	
	RHS	1	7.60	1.10	0.15	1.25	
	LHS	1	30.00	1.10	0.15	4.95	
	RHS	1	7.60	1.10	0.15	1.25	
	7 th Cross RHS From 9 th Main						
	LHS	1	30.00	1.10	0.15	4.95	
	RHS	1	6.50	1.10	0.15	1.07	
	LHS	1	10.00	1.10	0.15	1.65	
	RHS	1	6.50	1.10	0.15	1.07	
	8 th Cross RHS From 9 th Main						
	LHS	1	30.00	1.10	0.15	4.95	
	LHS	1	8.50	1.10	0.15	1.40	

9 th Main LHS From Shani mahathma Temple						
LHS	1	23.00	1.10	0.15	3.80	
Culvert	1	4.30	1.80	0.15	1.16	
LHS	1	25.70	1.10	0.15	4.24	
Culvert	1	5.60	1.80	0.15	1.51	
LHS	1	25.70	1.10	0.15	4.24	
Culvert	1	5.00	1.80	0.15	1.35	
LHS	1	29.30	1.10	0.15	4.83	
Culvert	1	4.20	1.80	0.15	1.13	
LHS	1	25.90	1.10	0.15	4.27	
Culvert	1	5.00	1.80	0.15	1.35	
LHS	1	26.70	1.10	0.15	4.41	
Culvert	1	4.30	1.80	0.15	1.16	
6 th Cross				0.15		
LHS	1	26.10	1.10	0.15	4.31	
RHS	1	30.00	1.10	0.15	4.95	
	1	9.80	1.10	0.15	1.62	
Culvert	1	6.70	1.80	0.15	1.81	
Culvert	1	4.30	1.80	0.15	1.16	
24 th Cross From Pipe line Road						
LHS	1	30.00	1.10	0.15	4.95	
	1	8.00	1.10	0.15	1.32	
RHS	1	30.00	1.10	0.15	4.95	
	1	5.00	1.10	0.15	0.83	
Magnam School Back side Road						
LHS	1	30.00	1.10	0.15	4.95	
	1	28.00	1.10	0.15	4.62	
RHS	1	26.60	1.10	0.15	4.39	
	1	30.00	1.10	0.15	4.95	
	1	30.00	1.10	0.15	4.95	
	1	10.80	1.10	0.15	1.78	
Cross Road						
LHS	1	30.00	1.10	0.15	4.95	
	1	14.20	1.10	0.15	2.34	
RHS	1	30.00	1.10	0.15	4.95	
	1	14.20	1.10	0.15	2.34	
				Present Qtty	161.04	
				Payable Qty	**161.04**	**Cum**

18/02/22

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯ
ಶ್ರೀ ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾ
ಬಾಗಲಗುಂಟೆ. ಜ.ಜ.ಎಂ.ಕ
ಬೆಂಗಳೂರು 560073

25/01/22
to
18/02/22

Assistant Engineer
Ward No -14
BBMP Bangalore

Asst. Executive Engineer,
T,Dasara halli Sub division
BBMP Bangalore

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು.
ಶ್ರೀ ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಜ.ಜ.ಎಂ.ಕ
ಬೆಂಗಳೂರು 560073

BRUHATH BENGALURU MAHANAGARA PALIKE
DASARAHALLI DIVISION

Name of work : Improvements to drains and providing Asphalting to roads at Bhuvaneshwari nagara 9th and 10 th main sorroundings in ward no 14 Bagalagunte

Pre measurement recorded on:

Item	Discription of Item	No	Length	Breadth	Depth	Qty	Umit
3	KRSB 4-1.5; Providing and laying in position plain cement concrete of mix M20 with OPC Cement @ 300 kgs with 20 mm and down size graded granite metal course aggregate @0.64 cum and fine aggregate @ 0.43 cum with super plastisicer @ 3 ltr conforming to IS 9103 -1999 Reaffirmed -52008 machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation and plinth and cills including cost of all materials,labour,HOM of machinary, curing etc complete as per specifications No:KBS 4.1,4.2 (P-12 ,I-.4.5 PWD SR 2018-19)						
	Bhuvaneshwari nagara						
	For RCC drain For Raft						
	1 st Cross LHS From 9 th Main						
	LHS	1	26.90	1.00	0.15	4.04	
	RHS	1	26.90	1.00	0.15	4.04	
	3 rd Cross RHS From 9 th Main						
	LHS	1	30.00	1.00	0.15	4.50	
		1	8.00	1.00	0.15	1.20	
	4 th Cross RHS From 9 th Main						
	LHS	1	30.00	1.00	0.15	4.50	
		1	8.80	1.00	0.15	1.32	
	5 th Cross RHS From 9 th Main						
	LHS	1	30.00	1.00	0.15	4.50	
		1	7.60	1.00	0.15	1.14	
	RHS	1	30.00	1.00	0.15	4.50	
		1	7.60	1.00	0.15	1.14	
	6 th Cross RHS From 9 th Main						
	LHS	1	30.00	1.00	0.15	4.50	
	RHS	1	7.60	1.00	0.15	1.14	
	LHS	1	30.00	1.00	0.15	4.50	
	RHS	1	7.60	1.00	0.15	1.14	
	7 th Cross RHS From 9 th Main						
	LHS	1	30.00	1.00	0.15	4.50	
	RHS	1	6.50	1.00	0.15	0.98	
	LHS	1	30.00	1.00	0.15	4.50	
	RHS	1	6.50	1.00	0.15	0.98	

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division Bangalore-73

8 th Cross RHS From 9 th Main						
LHS	1	30.00	1.00	0.15	4.50	
LHS	1	8.50	1.00	0.15	1.28	
9 th Main LHS From Shani mahathma Temple						
LHS	1	23.00	1.00	0.15	3.45	
Culvert	1	4.30	1.50	0.15	0.97	
LHS	1	25.70	1.00	0.15	3.86	
Culvert	1	5.60	1.50	0.15	1.26	
LHS	1	25.70	1.00	0.15	3.86	
Culvert	1	5.00	1.50	0.15	1.13	
LHS	1	29.30	1.00	0.15	4.40	
Culvert	1	4.20	1.50	0.15	0.95	
LHS	1	25.90	1.00	0.15	3.89	
Culvert	1	5.00	1.50	0.15	1.13	
LHS	1	26.70	1.00	0.15	4.01	
Culvert	1	4.30	1.50	0.15	0.97	
6 th Cross						
LHS	1	26.10	1.00	0.15	3.92	
RHS	1	30.00	1.00	0.15	4.50	
	1	9.80	1.00	0.15	1.47	
Culvert	1	6.70	1.50	0.15	1.51	
Culvert	1	4.30	1.50	0.15	0.97	
24 th Cross From Pipe line Road						
LHS	1	30.00	1.00	0.15	4.50	
	1	8.00	1.00	0.15	1.20	
RHS	1	30.00	1.00	0.15	4.50	
	1	5.00	1.00	0.15	0.75	
Magnam School Back side Road						
LHS	1	30.00	1.00	0.15	4.50	
	1	28.00	1.00	0.15	4.20	
RHS	1	26.60	1.00	0.15	3.99	
	1	30.00	1.00	0.15	4.50	
	1	30.00	1.00	0.15	4.50	
	1	10.80	1.00	0.15	1.62	
Cross Road						
LHS	1	30.00	1.00	0.15	4.50	
	1	14.20	1.00	0.15	2.13	

EXECUTIVE ENGINEER
Rural Bangalore Mahanagara Palike
Division, Bangalore-73

	RHS	1	30.00	1.00	0.15	4.50
		1	14.20	1.00	0.15	2.13
For Side wall						
1 st Cross LHS From 9 th Main						
	LHS	2	26.90	0.15	0.60	4.84
	RHS	2	26.90	0.15	0.60	4.84
3 rd Cross RHS From 9 th Main						
	LHS	2	30.00	0.15	0.60	5.40
		2	8.00	0.15	0.60	1.44
4 th Cross RHS From 9 th Main						
	LHS	2	30.00	0.15	0.60	5.40
		2	8.80	0.15	0.60	1.58
5 th Cross RHS From 9 th Main						
	LHS	2	30.00	0.15	0.60	5.40
		2	7.60	0.15	0.60	1.37
	RHS	2	30.00	0.15	0.60	5.40
		2	7.60	0.15	0.60	1.37
6 th Cross RHS From 9 th Main						
	LHS	2	30.00	0.15	0.60	5.40
	RHS	2	7.60	0.15	0.60	1.37
	LHS	2	30.00	0.15	0.60	5.40
	RHS	2	7.60	0.15	0.60	1.37
7 th Cross RHS From 9 th Main						
	LHS	2	30.00	0.15	0.60	5.40
	RHS	2	6.50	0.15	0.60	1.17
	LHS	2	30.00	0.15	0.60	5.40
	RHS	2	6.50	0.15	0.60	1.17
8 th Cross RHS From 9 th Main						
	LHS	2	30.00	0.15	0.60	5.40
	LHS	2	8.50	0.15	0.60	1.53
9 th Main LHS From Shani mahathma Temple						
	LHS	2	23.00	0.15	0.60	4.14
	Culvert	2	4.30	0.30	0.80	2.06
	LHS	2	25.70	0.15	0.60	4.63
	Culvert	2	5.60	0.30	0.80	2.69
	LHS	2	25.70	0.15	0.60	4.63
	Culvert	2	5.00	0.30	0.80	2.40
	LHS	2	29.30	0.15	0.60	5.27

EXECUTIVE ENGINEER
Bruhat Bengaluru Mahanagara Palike
Dasarahalli Division Bangalore-73

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೃ.ಬೆಂ.ಮ.ಪಾ
ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ಬೆಂಗಳೂರು. ಪಿ.ಐ.ಎಂ.ಡಿ.
ಬೆಂಗಳೂರು 560073

Culvert	2	4.20	0.30	0.80	2.02	
LHS	2	25.90	0.15	0.60	4.66	
Culvert	2	5.00	0.30	0.80	2.40	
LHS	2	26.70	0.15	0.60	4.81	
Culvert	2	4.30	0.30	0.80	2.06	
6 th Cross						
LHS	2	26.10	0.15	0.60	4.70	
RHS	2	30.00	0.15	0.60	5.40	
	2	9.80	0.15	0.60	1.76	
Culvert	2	6.70	0.30	0.70	2.81	
Culvert	2	4.30	0.25	0.80	1.72	
24 th Cross From Pipe line Road						
LHS	2	30.00	0.15	0.60	5.40	
	2	8.00	0.15	0.60	1.44	
RHS	2	30.00	0.15	0.60	5.40	
	2	5.00	0.15	0.60	0.90	
Magnam School Back side Road						
LHS	2	30.00	0.15	0.60	5.40	
	2	28.00	0.15	0.60	5.04	
RHS	2	26.60	0.15	0.60	4.79	
	2	30.00	0.15	0.60	5.40	
	2	30.00	0.15	0.60	5.40	
	2	10.60	0.15	0.60	1.91	
Cross Road						
LHS	2	30.00	0.15	0.60	5.40	
	2	14.00	0.15	0.60	2.52	
RHS	2	30.00	0.15	0.60	5.40	
	2	14.00	0.15	0.60	2.52	
		Total Qty			334.31	Cum

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
T.Dasarahalli Division, Bangalore-73

Assistant Engineer
Ward No -14
BBMP Bangalore

08/02/22
to
22/02/22

Asst. Executive Engineer
T.Dasarahalli Sub division
BBMP\Bangalore

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of work;Improvements to drains and providing Asphalting to Roads at Bhuvaneshwari nagara 9 th and 10 th Main sorrounding in ward No;14

Pre-Measurement Sheet

Premeasurement Recorded on;

First and Fnal

4 KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.

Sl no	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	Unit
				For Drain						
				Bhuvaneshwari nagara						
				1 st Cross LHS						
1	10	1	150mm/CC	9	26.90	242.1	Distribution	0.62	150	
2	10	1	150mm C/c	215	2.4	516.5	Main Bar	0.89	460	
				1 st Cross RHS						
1	10	1	150mm/CC	9	26.9	242.1	Distribution	0.62	150	
2	10	1	150mm C/c	215	2.4	516.5	Main Bar	0.89	460	
				3 rd Cross LHS						
1	10	1	150mm/CC	9	38.10	342.9	Distribution	0.62	213	
2	10	1	150mm C/c	305	2.4	731.5	Main Bar	0.89	651	
				4 th Cross LHS						
1	10	1	150mm/CC	9	38.80	340.2	Distribution	0.62	217	
2	10	1	150mm C/c	310	2.4	745.0	Main Bar	0.89	663	
				5 th Cross lHS						
1	10	1	150mm/CC	9	37.60	338.4	Distribution	0.62	210	
2	10	1	150mm C/c	301	2.4	721.9	Main Bar	0.89	643	
				5 th Cross RHS						
1	10	1	150mm/CC	9	37.60	338.4	Distribution	0.62	210	
2	10	1	150mm C/c	301	2.4	721.9	Main Bar	0.89	643	
				6 th Cross LHS						
1	10	1	150mm/CC	9	37.60	338.4	Distribution	0.62	210	
2	10	1	150mm C/c	301	2.4	722.4	Main Bar	0.89	643	
				6 th Cross RHS						

ಮುಖ್ಯ ಇಂಜಿನಿಯರ್ ಅವರ ಕಛೇರಿ
ಪೂರ್ವ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೆಂಗಳೂರು 560073.

1	10	1	150mm/CC	9	37.60	338.4	Distribution	0.62	210
2	10	1	150mm C/c	301	2.4	722.4	Main Bar	0.89	643
			7 th Cross LHS						
1	10	1	150mm/CC	9	36.50	328.5	Distribution	0.62	204
2	10	1	150mm C/c	301	2.4	722.4	Main Bar	0.89	643
			7 th Cross RHS						
1	10	1	150mm/CC	9	36.10	324.9	Distribution	0.62	201
2	10	1	150mm C/c	301	2.4	722.4	Main Bar	0.89	643
			8 th Cross LHS						
1	10	1	150mm/CC	9	38.50	346.5	Distribution	0.62	215
2	10	1	150mm C/c	308	2.4	739.2	Main Bar	0.89	658
			9 th Main from Shanimahathma Temple						
1	10	1	150mm/CC	9	23.00	207.0	Distribution	0.62	128
2	10	1	150mm C/c	184	2.4	441.6	Main Bar	0.89	393
1	10	1	150mm/CC	9	25.50	229.5	Distribution	0.62	142
2	10	1	150mm C/c	204	2.4	489.6	Main Bar	0.89	436
1	10	1	150mm/CC	9	25.50	229.5	Distribution	0.62	142
2	10	1	150mm C/c	204	2.4	489.6	Main Bar	0.89	436
1	10	1	150mm/CC	9	29.00	261.0	Distribution	0.62	162
2	10	1	150mm C/c	232	2.4	556.8	Main Bar	0.89	496
1	10	1	150mm/CC	9	26.00	234.0	Distribution	0.62	145
2	10	1	150mm C/c	208	2.4	499.2	Main Bar	0.89	444
1	10	1	150mm/CC	9	26.00	234.0	Distribution	0.62	145
2	10	1	150mm C/c	208	2.4	499.2	Main Bar	0.89	444
			24 th Cross LHS						
1	10	1	150mm/CC	9	38.00	342.0	Distribution	0.62	212
2	10	1	150mm C/c	308	2.4	739.2	Main Bar	0.89	658
			24 th Cross RHS						
1	10	1	150mm/CC	9	35.00	315.0	Distribution	0.62	195
2	10	1	150mm C/c	280	2.4	672.0	Main Bar	0.89	598
			Magnam School back side Road LHS						
1	10	1	150mm/CC	9	58.30	524.7	Distribution	0.62	325
2	10	1	150mm C/c	466	2.4	1119.4	Main Bar	0.89	996
			Magnam School back side Road RHS						
1	10	1	150mm/CC	9	26.60	239.4	Distribution	0.62	148
2	10	1	150mm C/c	213	2.4	510.7	Main Bar	0.89	455
1	10	1	150mm/CC	9	70.80	637.2	Distribution	0.62	395
2	10	1	150mm C/c	566	2.4	1359.4	Main Bar	0.89	1210
			Cross Road LHS						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಆ. ರಾಜರಾಜೇಶ್ವರಿ ಉಪ ವಿಭಾಗ
ಪಾಲಿಕೆ, ಪ.ಜಿ.ಎಂ.ಸಿ.
ಬಳ್ಳಾರಿ-583103.

1	10	1	150mm/CC	9	44.00	396.0	Distribution	0.62	246	
2	10	1	150mm C/c	352	2.4	844.8	Main Bar	0.89	752	
			Cross Road RHS							
1	10	1	150mm/CC	9	44.00	396.0	Distribution	0.62	246	
2	10	1	150mm C/c	352	2.4	844.8	Main Bar	0.89	752	
			For Culvert							
			At Bhuvaneshwari nagara							
			Culvert-1							
1	10	1	150mm/CC	18	4.30	77.4	Distribution	0.62	48	
2	12	1	150mm C/c	86	2.4	206.4	Main Bar	0.89	184	
			Culvert-2							
1	10	1	150mm/CC	18	5.60	100.8	Distribution	0.62	62	
2	12	1	150mm C/c	112	2.4	268.8	Main Bar	0.89	239	
			Culvert-3							
1	10	1	150mm/CC	18	5.00	90.0	Distribution	0.62	56	
2	12	1	150mm C/c	100	2.3	230.0	Main Bar	0.89	205	
			Culvert-4							
1	10	1	150mm/CC	18	4.20	75.6	Distribution	0.62	47	
2	12	1	150mm C/c	84	2.3	193.2	Main Bar	0.89	172	
			Culvert-5							
1	10	1	150mm/CC	18	5.00	90.0	Distribution	0.62	56	
2	12	1	150mm C/c	100	2.3	230.0	Main Bar	0.89	205	
			Culvert-6							
1	10	1	150mm/CC	18	4.30	77.4	Distribution	0.62	48	
2	12	1	150mm C/c	86	2.3	197.8	Main Bar	0.89	176	
			Culvert-7							
1	10	1	150mm/CC	18	4.30	77.4	Distribution	0.62	48	
2	12	1	150mm C/c	86	2.4	206.4	Main Bar	0.89	184	
			Culvert-8							
1	10	1	150mm/CC	18	6.70	120.6	Distribution	0.62	75	
2	12	1	150mm C/c	134	2.4	321.6	Main Bar	0.89	286	
							Total Quantity of Steel in Kg's		21727.5	Kgs
							Total Quantity of Steel in Tonne's		21.73	Tonnes

19/02/22

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೆಂಗಳೂರು ಜಿ.ಬಿ.ಎಂ.ಪಿ.
ಬೆಂಗಳೂರು 560073.

02/02/22 to 19/02/22

Asst Engineer
Ward No;14

Assistant Executive Engineer
T.Dasarahalli Sub Division

J. Satish

BRUHATH BENGALURU MAHANAGARA PALIKE
DASARAHALLI DIVISION

Name of work : Improvements to drains and providing Asphalting to roads at Bhuvaneshwari nagara 9th and 10 th main sorroundings in ward no 14 Bagalagunte

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	Providing and fixing precast covering Slab made out of CC 1:2:4 10 cm thick and finishing cutting ,including form work ,curing ,including cost of materials ,labour ,hire charges of machinary ,loading un loading , lead and lift charges transportation charges etc complete as per specifications						
	For New cc drain						
	1 st Cross LHS From 9 th Main						
	LHS	1	26.90	0.90		24.21	
	RHS	1	26.90	0.90		24.21	
	3 rd Cross RHS From 9 th Main			0.90		0.00	
	LHS	1	30.00	0.90		27.00	
		1	8.00	0.90		7.20	
	4 th Cross RHS From 9 th Main			0.90		0.00	
	LHS	1	30.00	0.90		27.00	
		1	8.80	0.90		7.92	
	5 th Cross RHS From 9 th Main			0.90		0.00	
	LHS	1	30.00	0.90		27.00	
		1	7.60	0.90		6.84	
	RHS	1	30.00	0.90		27.00	
		1	7.60	0.90		6.84	
	6 th Cross RHS From 9 th Main			0.90		0.00	
	LHS	1	30.00	0.90		27.00	
	RHS	1	7.60	0.90		6.84	
	LHS	1	30.00	0.90		27.00	
	RHS	1	7.60	0.90		6.84	
	7 th Cross RHS From 9 th Main						
	LHS	1	30.00	0.90		27.00	
	RHS	1	6.50	0.90		5.85	
	LHS	1	30.00	0.90		27.00	
	RHS	1	6.50	0.90		5.85	
	8 th Cross RHS From 9 th Main						
	LHS	1	30.00	0.90		27.00	
	LHS	1	8.50	0.90		7.65	
	9 th Main LHS From Shani mahathma Temple						
	LHS	1	23.00	0.90		20.70	
	Culvert	1	4.30	1.20		5.16	
	LHS	1	25.70	0.90		23.13	
	Culvert	1	5.60	1.20		6.72	

LHS	1	25.70	0.90		23.13	
Culvert	1	5.00	1.20		6.00	
LHS	1	29.30	0.90		26.37	
Culvert	1	4.20	1.20		5.04	
LHS	1	25.90	0.90		23.31	
Culvert	1	5.00	1.20		6.00	
LHS	1	26.70	1.20		32.04	
Culvert	1	4.30	0.90		3.87	
6 th Cross						
LHS	1	26.10	0.90		23.49	
RHS	1	30.00	0.90		27.00	
	1	9.80	0.90		8.82	
Culvert	1	6.70	1.20		8.04	
Culvert	1	4.30	1.20		5.16	
24 th Cross From Pipe line Road						
LHS	1	30.00	0.90		27.00	
	1	8.00	0.90		7.20	
RHS	1	30.00	0.90		27.00	
	1	5.00	0.90		4.50	
Magnam School Back side Road						
LHS	1	30.00	0.90		27.00	
	1	28.00	0.90		25.20	
RHS	1	26.60	0.90		23.94	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	7.80	0.90		7.02	
Cross Road						
LHS	1	30.00	0.90		27.00	
	1	14.20	0.90		12.78	
RHS	1	17.00	0.90		15.30	
	1	14.20	0.90		12.78	
			Total Quantity		877.95	
			Payable Qty		877.95	Sqm

13/05/22

Assistant Engineer
Ward No -14
BBMP Bangalore

13/05/22

Asst. Executive Engineer,
T.Dasarahalli Sub division
BBMP Bangalore

J. Satish

BRUHATH BENGALURU MAHANAGARA PALIKE
DASARAHALLI DIVISION

Name of work : Improvements to drains and providing Asphalting to roads at Bhuvaneshwari nagara 9th and 10 th main sorroundings in ward no 14

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
6	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnees power roller including filling in depression occuring rolling including cost of all labour, HOM of machinery complete as per specifications.						
	Bhuvaneshwari nagara						
	3 rd Cross from 8 th Main	2	30.00	1.10		66.00	
		2	30.00	1.10		66.00	
		2	30.00	1.10		66.00	
		2	30.00	1.10		66.00	
		2	30.00	1.10		66.00	
		2	30.00	1.10		66.00	
		2	30.00	1.10		66.00	
		2	30.00	1.10		66.00	
		2	30.00	1.10		66.00	
		2	26.50	1.10		58.30	
	4 th Cross from 8 th Main	2	30.00	1.05		63.00	
		2	30.00	1.05		63.00	
		2	30.00	1.05		63.00	
		2	30.00	1.05		63.00	
		2	30.00	1.05		63.00	
		2	30.00	1.05		63.00	
		2	30.00	1.00		60.00	
		2	21.60	1.00		43.20	
					Present Qtty	1067.50	
					Payable Qty	**1067.50**	**Sqm**

Assistant Engineer
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BBMP Bangalore

Asst. Executive Engineer
T.Dasarahalli Sub division
BBMP Bangalore

BRUHATH BENGALURU MAHANAGARA PALIKE

DASARAHALLI DIVISION

Name of work : Improvements to drains and providing Asphalting to roads at Bhuvaneshwari nagara 9th and 10 th main sorroundings in ward no 14 Bagalagunte

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
7	Providing,laying,spreading and compacting crushid stone aggregates of granite/trap/basalt to wet mix mecadam specification including premixing the material with water at OMC in mechanical mix plant carriage of mixed material by tipper to site laying in uniform layers with paver in sub base /base course on well prepared surface and compacting with vibratary roller to achieve desired density complete as per specifications						
	Bhuvaneshwari nagara						
	3 rd Cross from 8 th Main	2	30.00	1.10	0.20	13.20	
		2	30.00	1.10	0.20	13.20	
		2	30.00	1.10	0.20	13.20	
		2	30.00	1.10	0.20	13.20	
		2	30.00	1.10	0.20	13.20	
		2	30.00	1.10	0.20	13.20	
		2	30.00	1.10	0.20	13.20	
		2	30.00	1.10	0.20	13.20	
		2	26.50	1.10	0.25	14.58	
	4 th Cross from 8 th Main	2	30.00	1.05	0.20	12.60	
		2	30.00	1.05	0.25	15.75	
		2	30.00	1.05	0.20	12.60	
		2	30.00	1.05	0.20	12.60	
		2	30.00	1.05	0.20	12.60	
		2	30.00	1.05	0.20	12.60	
		2	30.00	1.05	0.20	12.60	
		2	21.60	1.05	0.20	9.07	
					Present Qtty	220.60	
					Payable Qty	**213.57**	**Cum**

Assistant Engineer
Ward No -14
BBMP Bangalore

Asst. Executive Engineer
T.Dasarahalli Sub division
BBMP Bangalore

BRUHATH BENGALURU MAHANAGARA PALIKE
DASARAHALLI DIVISION

Name of work : Improvements to drains and providing Asphalting to roads at Bhuvaneshwari nagara 9th and 10 th main sorroundings in ward no 14 Bagalagunte

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	depth	Qty	Unit
8	Providing and applying primer coat with bitumin emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.60 kg/ sqm using mechanical means complete as per specifications						**Cum**
	Bhuvaneshwari nagara						
	3 rd Cross from 8 th Main	2	30.00	1.10		66.00	
		2	30.00	1.10		66.00	
		2	30.00	1.10		66.00	
		2	30.00	1.10		66.00	
		2	30.00	1.10		66.00	
		2	30.00	1.10		66.00	
		2	30.00	1.10		66.00	
		2	30.00	1.10		66.00	
		2	26.50	1.10		58.30	
	4 th Cross from 8 th Main	2	30.00	1.05		63.00	
		2	30.00	1.05		63.00	
		2	30.00	1.05		63.00	
		2	30.00	1.05		63.00	
		2	30.00	1.05		63.00	
		2	30.00	1.05		63.00	
		2	30.00	1.00		60.00	
		2	21.60	1.00		43.20	
				Total		**1067.50**	**Sqm**

25/4/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Assistant Executive Engineer
T.Dasarahalli Sub

J. Jatiel

BRUHATH BENGALURU MAHANAGARA PALIKE
DASARAHALLI DIVISION

Name of work : Improvements to drains and providing Asphalting to roads at Bhuvaneshwari nagara 9th and 10 th main sorroundings in ward no 14 Bagalagunte

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	depth	Qty	Unit
9	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading; premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers						Cum
	Bhuvaneshwari nagara						
	3 rd Cross from 8 th Main	2	30.00	1.10	0.05	3.30	
		2	30.00	1.10	0.05	3.30	
		2	30.00	1.10	0.05	3.30	
		2	30.00	1.10	0.05	3.30	
		2	30.00	1.10	0.05	3.30	
		2	30.00	1.10	0.05	3.30	
		2	30.00	1.10	0.05	3.30	
		2	30.00	1.10	0.05	3.30	
		2	26.50	1.10	0.05	2.92	
	4 th Cross from 8 th Main	2	30.00	1.05	0.05	3.15	
		2	30.00	1.05	0.05	3.15	
		2	30.00	1.05	0.05	3.15	
		2	30.00	1.05	0.05	3.15	
		2	30.00	1.05	0.05	3.15	
		2	30.00	1.05	0.05	3.15	
		2	30.00	1.00	0.05	3.00	
		2	21.60	1.00	0.05	2.16	
				Total		53.38	Cum

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಜ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಜ.ಜ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು 560073

25/04/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Assistant Executive Engineer
T.Dasarahalli Sub division

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಜ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಜ.ಜ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073

J. Jatil

BRUHATH BENGALURU MAHANAGARA PALIKE
DASARAHALLI DIVISION

Name of work : Improvements to drains and providing Asphalting to roads a Bhuvaneshwari nagara 9th and 10 th main sorroundings in ward no 14 Bagalaç

Pre measurement recorded on:

Item No	Discription of Item	No	Length	B1	B2	Average	Depth	Qty
10	Cleaning the existing black topped surface with brooms soft brushes and finally dusting with old gunny bags and or compressed air to resceive bituminous treatment including cost of all materials labour, HOM of machinary etc complete as per specifications							
	Bhuvaneshwari nagara							
	3 rd Cross from 8 th Main							
	0-30.00	1	30.00	5.60	5.20	5.40		162.00
	30-32.30	1	2.30	5.00	5.00	5.00		11.50
	32.30-43.30	1	11.00	4.30	4.30	4.30		47.30
	43.30-73.30	1	30.00	4.50	4.50	4.50		135.00
	73.30-103.30	1	30.00	4.50	5.00	4.75		142.50
	103.30-109.30	1	6.00	5.00	5.20	5.10		30.60
	109.30-123.30	1	14.00	5.50	6.20	5.85		81.90
	123.30-132.90	1	9.60	5.30	5.50	5.40		51.84
	132.90-145.90	1	13.00	4.20	4.50	4.35		56.55
	145.90-175.90	1	30.00	4.50	5.20	4.85		145.50
	175.90-205.90	1	30.00	5.20	5.10	5.15		154.50
	205.90-235.90	1	30.00	5.10	5.00	5.05		151.50
	235.90-248.50	1	12.60	5.00	5.10	5.05		63.63
	248.50-266.50	1	18.00	4.50	5.00	4.75		85.50
	4 th Cross							
	0-30.00	1	30.00	4.00	4.00	4.00		120.00
	30-60.00	1	30.00	4.00	4.20	4.10		123.00
	60-90.00	1	30.00	4.20	4.20	4.20		126.00
	90-120.00	1	30.00	4.20	4.40	4.30		129.00
	120-150.00	1	30.00	4.40	4.30	4.35		130.50
	150-180.00	1	30.00	4.30	4.80	4.55		136.50
	180-210.00	1	30.00	4.80	5.00	4.90		147.00
	210-240.00	1	30.00	5.00	5.00	5.00		150.00
	240-261.60	1	21.60	5.00	5.10	5.05		109.08
						Total Quantity		2405.00
						Payable Quantity		2395.80

25/04/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Assistant Executive Engineer
T.Dasarahalli Sub division

BRUHATH BENGALURU MAHANAGARA PALIKE

DASARAHALLI DIVISION

Name of work : Improvements to drains and providing Asphalting to roads i Bhuvaneshwari nagara 9th and 10 th main sorroundings in ward no 14 Bagalaç

Pre measurement recorded on:

Sheet No	Discription of Item	No	Length	B1	B2	Average	Depth	Qty
14	KSRRB 500-7 Providing and applying tack coat using 80/100 grade Bitumin (VGIO) on the parellel black topped surface at 2.5 kg per 10 Sqm heating Bitumin in boilcr fitted with spray set (excluding cleaning of road surface) including cost of all materials etc							
	Bhuvaneshwari nagara							
	3 rd Cross from 8 th Main							
	0-30.00	1	30.00	5.60	5.20	5.40		162.00
	30-32.30	1	2.30	5.00	5.00	5.00		11.50
	32.30-43.30	1	11.00	4.30	4.30	4.30		47.30
	43.30-73.30	1	30.00	4.50	4.50	4.50		135.00
	73.30-103.30	1	30.00	4.50	5.00	4.75		142.50
	103.30-109.30	1	6.00	5.00	5.20	5.10		30.60
	109.30-123.30	1	14.00	5.50	6.20	5.85		81.90
	123.30-132.90	1	9.60	5.30	5.50	5.40		51.84
	132.90-145.90	1	13.00	4.20	4.50	4.35		56.55
	145.90-175.90	1	30.00	4.50	5.20	4.85		145.50
	175.90-205.90	1	30.00	5.20	5.10	5.15		154.50
	205.90-235.90	1	30.00	5.10	5.00	5.05		151.50
	235.90-248.50	1	12.60	5.00	5.10	5.05		63.63
	248.50-266.50	1	18.00	4.50	5.00	4.75		85.50
	4 th Cross							
	0-30.00	1	30.00	4.00	4.00	4.00		120.00
	30-60.00	1	30.00	4.00	4.20	4.10		123.00
	60-90.00	1	30.00	4.20	4.20	4.20		126.00
	90-120.00	1	30.00	4.20	4.40	4.30		129.00
	120-150.00	1	30.00	4.40	4.30	4.35		130.50
	150-180.00	1	30.00	4.30	4.80	4.55		136.50
	180-210.00	1	30.00	4.80	5.00	4.90		147.00
	210-240.00	1	30.00	5.00	5.00	5.00		150.00
	240-261.60	1	21.60	5.00	5.10	5.05		109.08
							Total Quantity	2405.00
							Payable Quantity	**2395.80**

Assistant Engineer 26/04/22
Ward NO-14
BBMP Bangalore

Assistant Executive Engineer
Dasarahalli Sub division

BRUHATH BENGALURU MAHANAGARA PALIKE
DASARAHALLI DIVISION

Name of work : Improvements to drains and providing Asphalting to roads at Bhuvaneshwari nagara 9th and 10 th main sorroundings in ward no 14 Bagalagunte

Pre measurement recorded on:

Discription of Item	No	Length	B1	B2	Average	Depth	Qty	Unit
Providing and laying Bituminous Concrete 40mm thick with hot mix plant using crushed aggregates of specific grading premixed with bituminous binder and filler transporting the hot mix to site laying with apaver finisher to the required grade level and alignment rolling with smooth wheeled vibratory and tandern rollers to achieve the desired compaction in all respects complete as per specifications								Cum
Bhuvaneshwari nagara								
3 rd Cross from 8 th Main								
0-30.00	1	30.00	5.60	5.20	5.60	0.04	6.72	
30-32.30	1	2.30	5.00	5.00	5.00	0.04	0.46	
32.30-43.30	1	11.00	4.30	4.30	4.30	0.04	1.89	
43.30-73.30	1	30.00	4.50	4.50	4.50	0.04	5.40	
73.30-103.30	1	30.00	4.50	5.00	4.75	0.04	5.70	
103.30-109.30	1	6.00	5.00	5.20	5.10	0.04	1.22	
109.30-123.30	1	14.00	5.50	6.20	5.85	0.04	3.28	
123.30-132.90	1	9.60	5.30	5.50	5.40	0.04	2.07	
132.90-145.90	1	13.00	4.20	4.50	4.35	0.04	2.26	
145.90-175.90	1	30.00	4.50	5.20	4.85	0.04	5.82	
175.90-205.90	1	30.00	5.20	5.10	5.15	0.04	6.18	
205.90-235.90	1	30.00	5.10	5.00	5.05	0.04	6.06	
235.90-248.50	1	12.60	5.00	5.10	5.05	0.04	2.55	
248.50-266.50	1	18.00	4.50	5.00	4.75	0.04	3.42	
4 th Cross								
0-30.00	1	30.00	4.00	4.00	4.00	0.04	4.80	
30-60.00	1	30.00	4.00	4.20	4.10	0.04	4.92	
60-90.00	1	30.00	4.20	4.20	4.20	0.04	5.04	
90-120.00	1	30.00	4.20	4.40	4.30	0.04	5.16	
120-150.00	1	30.00	4.40	4.30	4.35	0.04	5.22	
150-180.00	1	30.00	4.30	4.80	4.55	0.04	5.46	
180-210.00	1	30.00	4.80	5.00	4.90	0.04	5.88	
210-240.00	1	30.00	5.00	5.00	5.00	0.04	6.00	
240-261.60	1	21.60	5.00	5.10	5.05	0.04	4.36	
					Total Quantity		96.20	
			Total		Payable Quantity		**95.83**	**Cum**

26/04/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

J. Jatil

Assistant Executive Engineer
T.Dasarahalli Sub division

BRUHATH BENGALURU MAHANAGARA PALIKE
DASARAHALLI DIVISION

Name of work : Improvements to drains and providing Asphalting to roads at Bhuvaneshwari nagara 9th and 10 th main sorroundings in ward no 14

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
13	Loading and unloading of stone boulders /stone aggregates /sand/kanker /murrum Placing Tipper at loading point loading with front end loader dumping turning for return trip excluding time for haulage and return trip complete as per						
	Bhuvaneshwari nagara						
	Quantity as item No;1						
		1299.54				1299.54	
					Present Qtty	1299.54	
					Payable Qty	1289.40	Cum

13/05/22

Assistant Engineer
Ward No -14
BBMP Bangalore

Asst. Executive Engineer
T.Dasarahalli Sub division
BBMP Bangalore

J. Satish

BRUHATH BENGALURU MAHANAGARA PALIKE
DASARAHALLI DIVISION

Name of work : Improvements to drains and providing Asphalting to roads at Bhuvaneshwari nagara 9th and 10 th main sorroundings in ward no 14

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
14	Cost of haulage Excluding Loading and Un loading						
	Bhuvaneshwari nagara						
	Quantity as item No;13					1299.54	
			1299.54				
					Present Qtty	1299.54	
					Payable Qty	**1289.40**	**Cum**

Assistant Engineer
Ward No -14
BBMP Bangalore

13/05/22

Asst. Executive Engineer,
T.Dasarahalli Sub division
BBMP Bangalore

J. Jatil